

264-985

YIELD SHIELD® Concentrate Biological Fungicide

FOR USE AS A SEED TREATMENT

ACTIVE INGREDIENT:	
<i>Bacillus pumilus</i> GB34	0.28%
INERT INGREDIENTS:	99.72%
	TOTAL 100.00%

Contains 1.0 x 10¹⁰ CFU per gram

EPA Reg. No. 264-985

EPA Est.

KEEP OUT OF REACH OF CHILDREN
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577
 For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577.
 Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Applicators and other handlers must use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix of at least N-95, R-95, or P-95.) Wash face, hands and arms thoroughly with soap and water after handling and before eating or smoking.

For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 to 4:30 pm Pacific time (PT) or visit the NPIC website at npic.orst.edu. At other times call a poison control center. Have the product container or label with you when calling the NPIC or a poison control center, doctor or going for treatment.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use on agricultural establishments in hopper-box, planter-box, siurry-box, or other seed treatment applications at or immediately before planting.

ACCEPTED
with COMMENTS
In EPA Letter Dated
 2/02/06
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
 264-985

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE

Store in a dry place.

PRODUCT DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Completely empty package by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mixing equipment. Then dispose of package in a sanitary landfill or by incineration if allowed by State and local authorities. Dispose of box in the same manner. Do not reuse package or box.

YIELD SHIELD Concentrate is a biological fungicide that, when applied to seed, colonizes the developing root system and provides protection against disease organisms such as *Rhizoctonia* and *Fusarium* that attack the root system. Through a mode of action in which the plant's own host resistance is activated, biological protection is achieved which frequently results in improved plant stand, plant health and yield.

FOR USE AS A SEED TREATMENT

YIELD SHIELD Concentrate may be applied as a water-based slurry either alone or with other registered seed treatment insecticides and fungicides through standard slurry or mist commercial seed treatment equipment. When using YIELD SHIELD Concentrate in conjunction with registered fungicides or other seed protectant products, the treated seed may be required to be colored and tagged. Coloring is not required for seed treated with YIELD SHIELD Concentrate alone. To mix, first add the chemical insecticides and/or fungicides to the slurry mix with approximately ½ of the required water. Slowly add the YIELD SHIELD Concentrate to the slurry until a uniform suspension is obtained. Add the remainder of the required water and maintain continuous agitation. Do not store mixed slurries for longer than 72 hours.

APPLICATION RATES

May be used alone or in combination with other registered Bayer CropScience seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

Carrot, Corn, Cotton, Cucumber, Peanut, Radish, Squash, Sugar Beet, Barley, Oat, Wheat, Triticale, and Legume Vegetables [Adzuki, Bean, Asparagus Bean, Broad Bean (Succulent or Dry), Catjang Bean, Chinese Longbean, Field Bean, Guar Bean, Jackbean, Kidney Bean, Lablab Bean, Lima Bean (Succulent or Dry), Moth Bean (Succulent or Dry), Mung Bean, Navy Bean, Pinto Bean, Rice Bean, Runner Bean, Snap Bean, Sword Bean, Tepary Bean, Urd Bean, Wax Bean, Yardlong Bean, Blackeyed Pea, (Succulent or Dry), Chickpea, Cowpea (Succulent or Dry), Crowder Pea, Dwarf Pea, Edible-Pod Pea, English Pea, Field Pea, Garden Pea, Green Pea, Pigeon Pea (Succulent or Dry), Snow Pea, Southern Pea (Succulent or Dry), Sugar Snap Pea, Grain Lupin, Sweet Lupin, White Lupin, White Sweet Lupin, Lentil, and Soybean]:

For suppression of root diseases caused by *Rhizoctonia* and *Fusarium*, apply 0.1 ounces per 100 pounds of seed.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: BAYER CROPSCIENCE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

NET CONTENTS: 1 Pound



Listed by the Organic Materials Review Institute (OMRI) for use in organic production



Bayer CropScience

**Bayer CropScience LP
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